44

ABSTRACT

A video encoding method for assigning a plurality of images to a plurality of GOPs and encoding images belonging to the GOPs as a video image. The method includes determining whether each image belonging to each GOP is to be encoded; encoding GOP encoding/non-encoding data for indicating whether encoded data of the image belonging to the relevant GOP is output; and encoding the image belonging to the relevant GOP when the encoded data of the image is output. Typically, it is determined whether an image generated by using one or more other GOPs without decoding the encoded data of the relevant GOP is closer to an original image of the relevant image in comparison with an image obtained by decoding the encoded data, so as to determine whether the image belonging to the relevant GOP is to be encoded.